

Complete if Known

(Use as many sheets as necessary)

Sheet	1	of	2
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Application Number	10/840,172
Filing Date	May 5, 2004
First Named Inventor	Heinz Willebrand et al.
Art Unit	2633
Examiner Name	To be assigned
Attorney Docket Number	81699

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1 ^d
		Country Code ² Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
HP	AC	WO 99/05802	02-04-1999	Nan Zhang et al.		
HP	AD	GB 2297668 A	08-07-1996	Shingo Mizuno		

**Examiner
Signature**

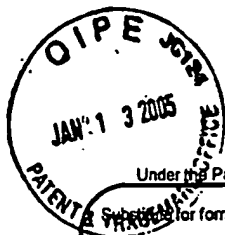
Date
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Application Number	10/840,172
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Art Unit	2633
Examiner Name	Phan, Hanh
Attorney Docket Number	81699

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HP	AB	EUROPEAN PATENT OFFICE, "European Search Report", dated November 4, 2004, for EP Application No. 03013313.6-2415, with copy of searched claims, 5 pages.	
HP	AC	EUROPEAN PATENT OFFICE, "European Search Report", dated November 4, 2004, for EP Application No. 03019647.1-2415, with copy of searched claims, 5 pages.	

Examiner Signature	<i>Mark Phan</i>	Date Considered	02/04/05
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket Number	81699

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/840,172		
		Filing Date	May 5, 2004		
		First Named Inventor	Heinz Willebrand et al.		
		Art Unit	2633		
		Examiner Name	To be assigned		
Sheet	2	of	2	Attorney Docket Number	81699

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HP	AE	AUSTRALIAN PATENT OFFICE, "Examiner's first report on patent application no. 2001252868 by LightPointe Communications, Inc.", dated May 19, 2004, for Application No. 2001252868, 2 pages.	

Examiner Signature	<i>Nauphan</i>	Date Considered	02/04/05
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Form PTO-1449 (Modified) INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Application No.	To be assigned
	Filing Date	May 5, 2004
	First Named Inventor	Heinz Willebrand <i>et al.</i>
	Group Art Unit	To be assigned
	Examiner Name	To be assigned
Sheet 1 of 10	Attorney Docket No.	81699

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD- YYYY)	CLASS	SUB CLASS	FILING DATE (if appropriate)
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
HP	AA	X	2002/0149811	A1	Willebrand	10/17/2002	—	—	04/16/2001
HP	AB	X	2002/0141020	A1	Doucet et al.	10/03/2002	—	—	05/28/2002
HP	AC	X	2002/0122232	A1	Doucet et al.	09/05/2002	—	—	01/22/2002
HP	AD	X	2002/0122230	A1	Izadpanah et al.	09/05/2002	—	—	03/05/2001
HP	AE	X	2002/0075542	A1	Kumar et al.	06/20/2002	—	—	12/17/2002
HP	AF	X	2002/0054413	A1	Shivnan	05/09/2002	—	—	09/07/2001
HP	AG	X	2002/0054411	A1	Heminger et al.	05/09/2002	—	—	08/27/2001
HP	AH	X	2002/0051269	A1	Margalit et al.	05/02/2002	—	—	09/28/2001
HP	AI	X	2002/0048066	A1	Antoniades et al.	04/25/2002	—	—	05/15/2001
HP	AJ	X	2002/0028043	A1	Medved et al.	03/07/2002	—	—	11/02/2001
HP	AK	X	2002/0027691	A1	Medved et al.	03/07/2002	—	—	11/02/2001
HP	AL	X	2002/0005972	A1	Bloom et al.	01/17/2002	—	—	05/16/2001
HP	AM	X	60/276,610		Shah et al.		—	—	03/16/2001
HP	AN	X	60/256,540		Gupta et al.		—	—	12/18/2000
HP	AO	X	6,587,687	B1	Wiedeman	07/01/2003	—	—	10/21/1996
HP	AP	X	6,583,904	B1	Mahlab et al.	06/24/2003	—	—	10/01/1999
HP	AQ	X	6,509,992	B1	Goodwill	01/21/2003	—	—	09/09/1999
HP	AR	X	6,493,121	B1	Althaus	12/10/2002	—	—	10/30/2000
HP	AS	X	6,462,847	B2	Willebrand	10/08/2002	—	—	03/29/2001
HP	AT	X	6,452,700	B1	Mays, Jr.	09/17/2002	—	—	06/19/2001

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Sheet 2 of 10	Attorney Docket No.	81699

U.S. PATENT DOCUMENTS									
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			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
HP	AU	X	6,411,414	B1	Abate et al.	06/25/2002	✓		11/19/1998
HP	AV	X	6,398,425	B2	Williams et al.	06/04/2002	✓		05/09/2001
HP	AW	X	6,396,612	B1	Bjorndahl	05/28/2002	✓		02/11/1998
HP	AX	X	6,381,055	B1	Javitt et al.	04/30/2002	✓		04/16/1998
HP	AY	X	6,366,723	B1	Medved et al.	04/02/2002	✓		09/14/1999
HP	AZ	X	6,348,986	B1	Doucet et al.	02/19/2002	✓		06/29/1998
HP	BA	X	6,323,980	B1	Bloom	11/27/2001	✓		03/05/1998
HP	BB	X	6,301,037	B1	Fischer et al.	10/09/2001	✓		03/06/1998
HP	BC	X	6,288,813	B1	Kirkpatrick et al.	09/11/2001	✓		03/25/1998
HP	BD	X	6,285,481	B1	Palmer	09/04/2001	✓		09/05/1997
HP	BE	X	6,272,271	B1	Wojnarowski et al.	08/07/2001	✓		04/29/1999
HP	BF	X	6,239,888	B1	Willebrand	05/29/2001	✓		04/24/1998
HP	BG	X	6,141,128		Korevaar et al.	10/31/2000	✓		12/15/1997
HP	BH	X	6,122,084		Britz et al.	09/19/2000	✓		03/03/1998
HP	BI	X	6,115,157		Barnard et al.	09/05/2000	✓		12/24/1997
HP	BJ	X	6,104,513		Bloom	08/15/2000	✓		03/05/1998
HP	BK	X	6,049,593		Acampora	04/11/2000	✓		12/19/1997
HP	BL	X	6,043,918		Bozzay et al.	03/28/2000	✓		12/12/1997
HP	BM	X	6,016,212		Durant et al.	10/18/2000	✓		04/30/1997
HP	BN	X	6,014,236		Flaherty	01/11/2000	✓		02/04/1997

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Sheet 3 of 10	Attorney Docket No.	81699

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			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
HP	BO	X	5,995,253		Flaherty	11/30/1999	1		02/04/1997
HP	BP	X	5,983,068		Tomich et al.	11/09/1999	1		02/29/1996
HP	BQ	X	5,978,118		Flaherty	11/02/1999	1		02/04/1997
HP	BR	X	5,966,229		Dodley et al.	10/12/1999	1		06/18/1997
HP	BS	X	5,949,564		Wake	09/07/1999	1		04/26/1993
HP	BT	X	5,949,563		Takada	09/07/1999	1		07/18/1997
HP	BU	X	5,946,120		Chen	08/31/1999	1		05/30/1997
HP	BV	X	5,936,578		Driessen et al.	08/10/1999	1		12/29/1995
HP	BW	X	5,917,629		Hortensius et al.	06/29/1999	1		10/29/1990
HP	BX	X	5,883,730		Coult et al.	03/16/1999	1		12/29/1995
HP	BY	X	5,859,725		Sugiya et al.	01/12/1999	1		08/22/1997
HP	BZ	X	5,844,705		Rutledge	12/01/1998	1		02/13/1997
HP	CA	X	5,838,470		Radehaus et al.	11/17/1998	1		06/04/1997
HP	CB	X	5,818,984		Ahmad et al.	10/06/1998	1		11/18/1996
HP	CC	X	5,818,619		Medved et al.	10/06/1998	1		06/13/1996
HP	CD	X	5,790,286		Bae	08/04/1998	1		10/28/1996
HP	CE	X	5,786,923		Doucet et al.	07/28/1998	1		03/29/1996
HP	CF	X	5,777,768		Korevaar	07/07/1998	1		08/29/1996
HP	CG	X	5,748,813		Cassidy et al.	05/05/1998	1		07/28/1993
HP	CH	X	Re. 35,736		Powell	02/24/1998	1		11/23/1994
HP	CI	X	5,710,652		Bloom et al.	01/20/1998	1		02/22/1994

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			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
HP	CJ	X	5,661,582		Kintis et al.	08/26/1997	7		10/26/1995
HP	CK	X	5,659,413		Carlson	08/19/1997	1		02/28/1995
HP	CL	X	5,654,816		Fishman	08/05/1997	1		06/06/1996
HP	CM	X	5,596,661		Henry et al.	01/21/1997	1		12/28/1994
HP	CN	X	5,587,830		Chraplyvy et al.	12/24/1996	1		05/28/1993
HP	CO	X	5,585,953		Zavrel	12/17/1996	1		08/13/1993
HP	CP	X	5,574,589		Feuer et al.	11/12/1996	1		01/09/1995
HP	CQ	X	5,548,772		Lin et al.	08/20/1996	1		10/14/1994
HP	CR	X	5,526,161		Suzuki et al.	06/11/1996	1		06/20/1994
HP	CS	X	5,475,520		Wissinger	12/12/1995	1		06/22/1994
HP	CT	X	5,457,562		Tremblay	10/10/1995	1		05/20/1994
HP	CU	X	5,452,124		Baker	09/19/1995	1		03/04/1994
HP	CV	X	5,448,391		Iriyama et al.	09/05/1995	1		06/29/1993
HP	CW	X	5,443,227		Hsu	08/22/1995	1		10/15/1993
HP	CX	X	5,416,864		Cassidy et al.	05/16/1995	1		04/30/1993
HP	CY	X	5,416,861		Koh et al.	05/16/1995	1		04/29/1994
HP	CZ	X	5,416,627		Wilmoth	05/16/1995	1		04/24/1992
HP	DA	X	5,400,166		Huber	03/21/1995	1		10/20/1992
HP	DB	X	5,390,040		Mayeux	02/14/1995	1		02/04/1994
HP	DC	X	5,371,734		Fischer	12/06/1994	1		01/29/1993
HP	DD	X	5,331,449		Hubert et al.	07/19/1994	1		03/15/1993

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			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
HP	DE	X	5,329,576		Handforth	07/12/1994	—		04/29/1992
HP	DF	X	5,321,718		Waarts et al.	06/14/1994	—		01/28/1993
HP	DG	X	5,301,054		Huber et al.	04/04/1994	—		01/14/1993
HP	DH	X	5,280,184		Jokerst et al.	01/18/1994	—		04/08/1992
HP	DI	X	5,247,381		Olmstead et al.	09/21/1993	—		05/20/1992
HP	DJ	X	5,227,906		Tokumitsu	07/13/1993	—		03/08/1990
HP	DK	X	5,218,467		Ross et al.	06/08/1993	—		12/28/1990
HP	DL	X	5,210,631		Huber et al.	05/11/1993	—		12/22/1989
HP	DM	X	5,185,814		Healey	02/09/1993	—		02/20/1992
HP	DN	X	5,142,400		Solinsky	08/25/1992	—		05/28/1991
HP	DO	X	5,083,874		Aida et al.	01/28/1992	—		04/10/1990
HP	DP	X	5,068,916		Harrison et al.	11/26/1991	—		10/29/1990
HP	DQ	X	5,060,303		Wilmoth	10/22/1991	—		09/06/1988
HP	DR	X	5,034,997		Iwasaki	07/23/1991	—		04/18/1989
HP	DS	X	5,005,937		Aida et al.	04/09/1991	—		04/10/1990
HP	DT	X	4,916,460		Powell	04/10/1990	—		09/29/1988
HP	DU	X	4,807,222		Armitay	02/21/1989	—		08/25/1986
HP	DV	X	4,689,482		Horikawa et al.	08/25/1987	—		06/13/1985
HP	DW	X	4,330,870		Arends	05/18/1982	—		09/05/1980

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			COUNTRY OR OFFICE (two-letter code)	DOCUMENT NO.	KIND CODE (if known)				YES	NO
HP	DX	X	WO	01/52450	A2	07/19/2001	11			
HP	DY	X	WO	00/54413		09/14/2000	11			
HP	DZ	X	WO	00/16489		03/23/2000	11			
HP	EA	X	WO	00/08783		02/17/2000	11			
HP	EB	X	WO	98/32250		07/23/1998	11			
HP	EC	X	EP	0 378 148	B1	04/10/1996	11			
HP	ED	X	DE	44 33 896	C1	11/09/1995	11		X	
HP	EE	X	GB	2 257 321	A	01/06/1993	11			
HP	EF	X	EP	0 513 993	A2	11/19/1992	11			
HP	EG	X	GB	2 221 810	A	02/14/1990	11			
HP	EH	X	JP	S63-215125		07/07/1988	11		X	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.
HP	EI	X	HUNGARIAN PATENT OFFICE, Search Report for Hungarian National Phase of PCT/US00/35198, which claims priority to U.S. App. 09/482,782; dated 15 January 2003; pp. 1-3.
HP	EJ	X	PCT INTERNATIONAL SEARCH AUTHORITY; "Notification of Transmittal of the International Search Report"; "PCT International Search Report" for International Application No. PCT/US02/10075 which claims priority to U.S. Application No. 09/835,866; mailed 30 July 2002; (4 pages).

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OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.
HP	EK	X	PCT INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY; "Notification of Transmittal of the International Preliminary Examination Report"; "PCT International Preliminary Examination Report" for International Application No. PCT/US00/35198 which corresponds to U.S. Application No. 09/482,782; mailed 29 April 2002; (13 pages).
HP	EL	X	EUROPEAN PATENT OFFICE; PCT International Preliminary Examination Report issued in the counterpart PCT application for U.S. Application No. 09/482,782; date of mailing 29 April 2002; (13 pages).
HP	EM	X	PCT INTERNATIONAL SEARCH AUTHORITY; "Notification of Transmittal of the International Search Report"; "PCT International Search Report" for International Application No. PCT/US00/35198 which corresponds to U.S. Application No. 09/482,782; mailed 06 February 2002; (7 pages).
HP	EN	X	NASA JET PROPULSION LABORATORY; "Multiple-Beam Transmission for Optical Communication"; http://www.nasatech.com/Briefs/Nov98/NPO20384.html ; October 26, 2001; pp. 1-2.
HP	EO	X	G. NYKOLAK et al.; "A 40 Gb/s DWDM Free Space Optical Transmission Link Over 4.4 km"; In Free-Space Laser Communication Technologies XII; <i>Proceeding of SPIE</i> ; Vol. 3932; 2000; pp. 16-20.
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HP	ET	X	S. HOLLUNG et al.; A Bi-Directional Quasi-Optical Lens Amplifier; <i>IEEE Transactions on Microwave Theory and Techniques</i> ; Vol. 45, No. 12; December 1997; pp. 2352-2357.
HP	EU	X	I. I. KIM et al.; Scintillation Reduction Using Multiple Transmitters"; <i>Society of Photo-Optical Instrumentation Engineers</i> ; Vol. 2990; 1997; pp. 102-113.
HP	EV	X	A. LOURI et al.; "Feasibility Study for a Scalable Optical Interconnection Network for Massively Parallel Processing Systems"; <i>Applied Optics</i> ; Vol. 35; No. 8; March 10, 1996; pp. 1296-1308.
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HP	FA	X	C. M. STICKLEY et al.; "Demonstration of an Adaptive, Coherent-Combining Laser Radar Receiver"; <i>18th International Laser Radar Conference</i> ; 1996; pp. 247-250.
HP	FB	X	KUBE; "Renaissance Eines Alten Konzepts"; <i>Nachrichten Elektronik und Telematick</i> ; Vol. 49; No. 5; May 1995; pp. 15, 16 and 18. (English translation provided.)
HP	FC	X	TELECONNECT GmbH; "Optische Freiraum-Übertragungssysteme"; Teleconnect Verbindungen in die Zukunft; Produktinformation; April 1995; pp. 1-16. (English translation provided.)

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HP	FD	X	CBL - Communication by Light, Gesellschaft für optische Kommunikationssysteme mbH; "Optical Links, Network connection directly through the atmosphere"; March 1995; pp. 1-8.
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HP	FM	X	KOREVAAR et al., Status of SDIO/IS&T Lasercom Testbed Program, <i>SPIE-The International Society for Optical Engineering</i> ; Society of Photo-Optical Instrumentation Engineers, Washington, USA; Vol. 1866; January 20-21, 1993; pp. 116-127.
HP	FN	X	TELECONNECT GmbH; "Installation Mittweida 1993" (digitized photograph copies); 1993; pp. 1-2.

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AP	FO	X	J. H. CHURNSIDE: "Aperture Averaging of Optical Scintillations in the Turbulent Atmosphere"; <i>Applied Optics</i> , Vol. 30, No. 15; May 20, 1991; pp. 1982-1994.
HP	FP	X	W. M. BRUNO et al.; "Diode Laser Spatial Diversity Transmitter"; <i>Society of Photo-Optical Instrumentation Engineers</i> , Vol. 1044; 1989; pp. 187-194.
HP	FQ	X	J. SHAMIR et al.; "Diversity Methods for Fading Control"; <i>Applied Optics</i> ; Vol. 27, No. 8; April 15, 1988; pp. 1389-1391.
HP	FR	X	A. S. ACAMPORA; "A Multichannel Multihop Local Lightwave Network"; <i>GLOBECOM '87; IEEE</i> ; 1987; pp. 1459-1467.
HP	FS	X	D. L. FRIED; "Aperture Averaging of Scintillation"; <i>Journal of the Optical Society of America</i> , Vol. 57, No. 2; February 1967; pp. 169-175.

Examiner Signature	<i>Nalyhan</i>	Date Considered	02/05/05
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